RCA

Changing Entertainment. Again.

User's Guide

32 WIDE SCREEN COLOUR TELEVISION

Model RCA -32E88

www.rca.com/television

Please read these instructions carefully and retain for future reference.

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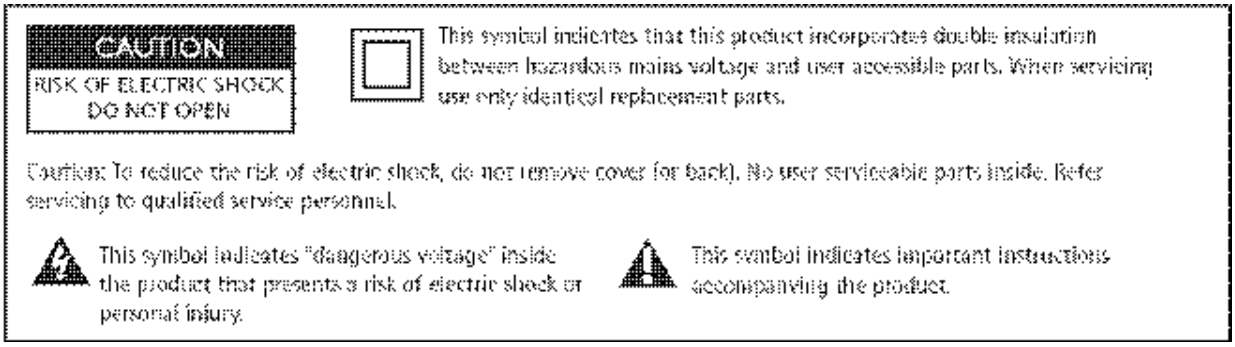
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.
Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.
This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.
This symbol indicates important instructions accompanying the product.

Help line

For assistance during normal working hours (9am-5pm, Mon-Fri, New Zealand local time) call Oriental Pacific International Ltd.

NZ call: **0800 89 85 80**

Email: **service@orientalpacific.com**

SYMBOLS

The graphic symbols used in this manual or on the back cover of the set mean the following:

Read this manual in full before use.

Class II Double insulated Appliance

The lightning flash symbol is intended to alert the user to the enclosures that contain hazardous voltages.

The exclamation symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

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IMPORTANT SAFEGUARDS

When using any electrical apparatus always observe safety regulations and use basic safety precautions to reduce the risk of fire, electric shock and personal injury, including the following

Read, Keep and Follow these instructions, heeding all Warnings.

WARNING! No objects filled with liquid, such as vases, shall be placed on this equipment or in any position where liquid may fall into this equipment or any other electrical apparatus.

WARNING! Do not insert any objects into any openings of this equipment or any other electrical apparatus.

WARNING! Do not use this apparatus near water. To avoid the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashes and is strictly for indoor use only. **WARNING!** Not for use in Tropical humid climates.

WARNING! Do not immerse in any liquid whilst in use or cleaning. Clean only with a damp cloth, dry with a dry towel. Do not use harsh abrasives as these may damage the plastic parts.

WARNING! DO NOT block any ventilation openings. Keep away from curtains, newspapers and restricted areas. Install in accordance with any specific manufacturer's instructions. Always allow a sufficient gap around the apparatus to avoid overheating.

WARNING! Do not install near any heat sources such as radiators, gas heaters, stoves or other apparatus (including amplifiers) that produce heat. Do not leave in direct sunlight.

WARNING! Do not place any naked flame source, such as lighted candles on any electrical apparatus.

WARNING! Connect to a suitable 230-240V ~ 50 Hz power supply only.

WARNING! Keep out of reach of young children. This apparatus is not suitable for use by young children or infirm persons without supervision. Young children must be supervised to ensure that they do not play with the apparatus. Ensure young children have enough knowledge to operate the equipment safely if they do have access to this equipment.

WARNING! Do not abuse or damage a power cord. If any power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard. A replaceable cord must be replaced with an authorised replacement from an authorised service agent only.

WARNING! Only use attachments/accessories specified by the manufacturer.

WARNING! Unplug completely from the power source this apparatus during lightening storms or when unused for long periods of time.

WARNING! Attention is drawn to the environmental aspects of disposing of any battery.

WARNING! Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING! For household use only, this apparatus is not intended for commercial use.

WARNING! If this apparatus is to be used by a third party, please supply these instructions with it.

WARNING! No liability will be accepted for any personal injury or damage caused by failure to follow these instructions.

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CLEANING

WARNING! Before you attempt to clean the television screen or cabinet, always disconnect the appliance from the mains power and remove the plug from the main power outlet.

Clean the television with a soft dry cloth only. Never use any harsh chemical cleaning agent or water as this may damage the television.

WARNING! Never allow water splashes to enter the appliance. Do not immerse in water.

WARNING! Never remove the rear cover. Do not attempt to service this equipment.

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1. INTRODUCTION

1.1 FEATURES

Color Systems	- PAL/NTSC3.58 & NTSC 4.43
Sound systems	- BG
Preset Programs	- 100
Preset Method	- Auto Search, Manual Store, Fine Tune
Tuning Method	- FS
Voltage Range	- 230-240V ~, 50Hz
Display	- English
Functions select	- Pop up menu
Remote Control	- Full Function Infra-red Remote Controller
AV I/O	- 3 RCA-type AV Input - 1 S-VIDEO INTPUT - 1 YUV INTPUT - 1 RCA-type AV output
Useful functions	- Sleep Timer (15-240min.) - Auto Off (after 15 min with no signal) - Blue Background selection (while no signal) - 3 Default ,1 User Picture Settings - Channel Skip - AV Stereo - ESS & EPS - On/Off Timer - Game - Notebook - Calendar - Favorite Channel Setting - Program Prearrange - Program Swap - Child Lock - TELETEXT - Nicam

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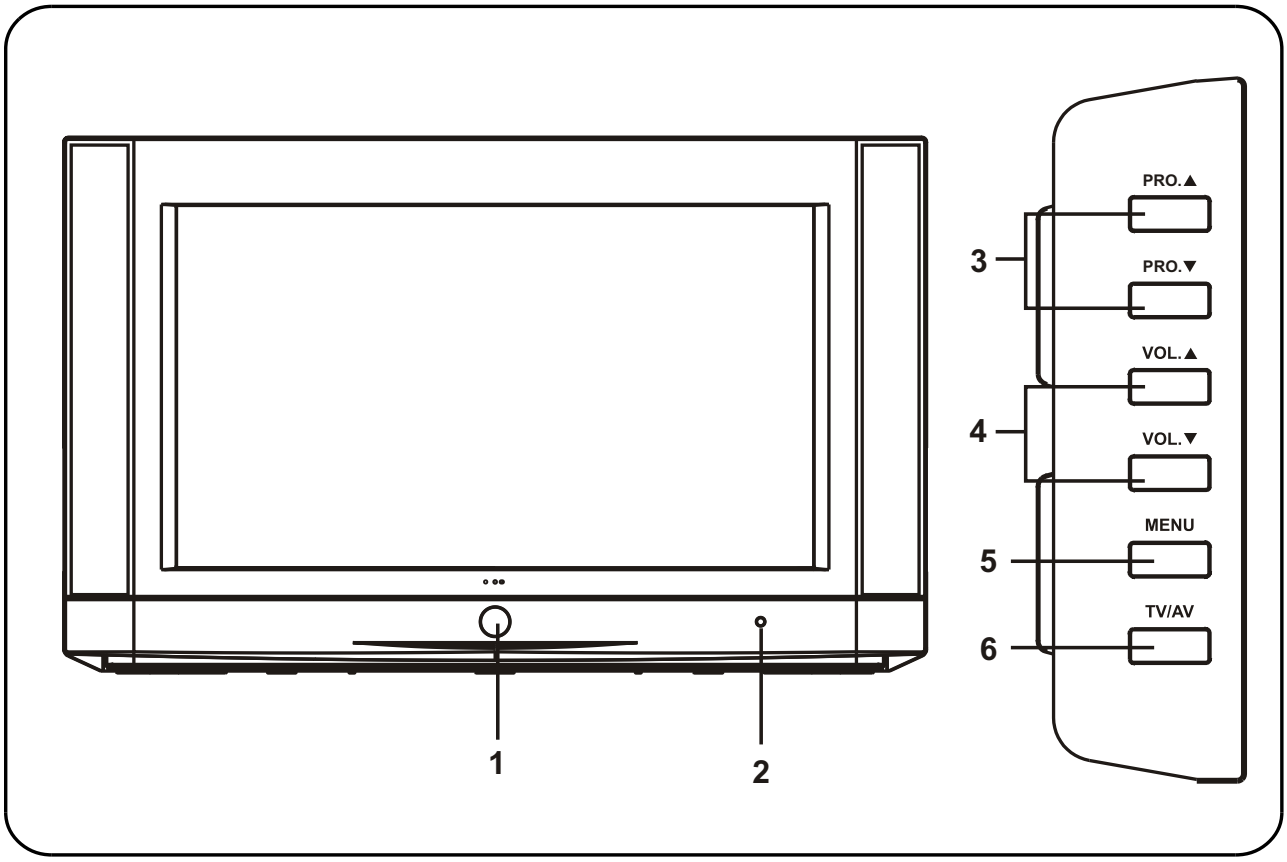
1.3 DESCRIPTION OF CONTROL KEYS & CONNECTIONS

1.3.1 FRONT VIEW



1. POWER button
Turn the TV on or off.

2. SENSOR
Receive infra-red signals from the remote.

3. PROGRAM UP/DOWN buttons
Select channel numbers.

4. VOLUME UP/DOWN buttons
Press to decrease/increase the volume.

5. MENU button
Press to display the main menu.

6. TV/AV button
Choose between TV programming and the AV input.

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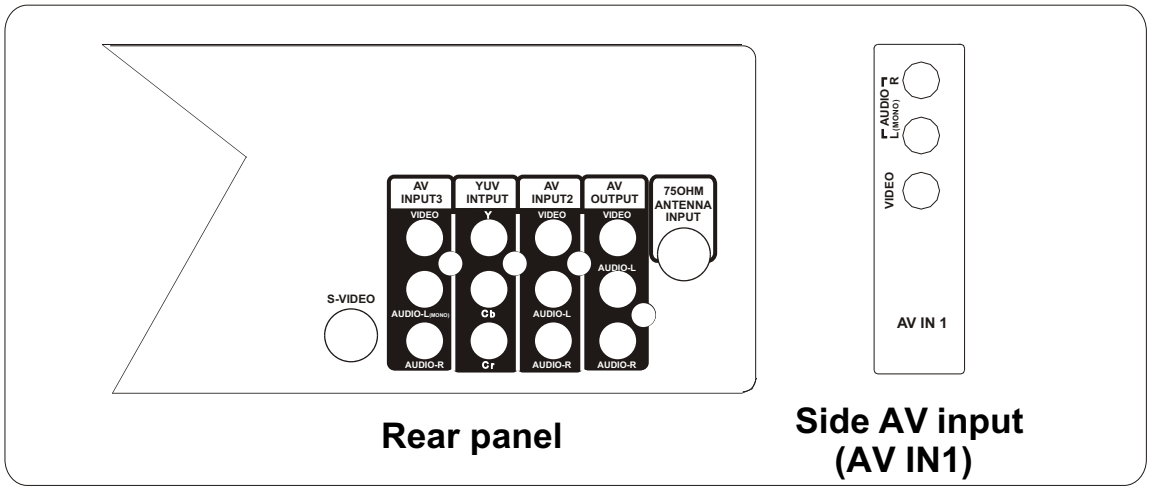
1.3.2 EXPLANATION OF JACKS



75 OHM ANTENNA INPUT Lets you connect a coaxial cable to receive the signal from the antenna or cable.

Y, Cb, Cr Provides optimum picture quality because the video is separated into three signals. Use three video grade cables for the connection. When using this connection make sure to connect left and right audio cables to the AUDIO input jacks.
Press TV/AV to choose the video input channel. Choose YUV to view material playing on equipment connected to the component inputs.

R (RIGHT) AUDIO Provides right audio connection. The right audio connector is usually red.
Press TV/AV to choose the video input channel. Choose AV1 to view material playing on equipment connected to the front AV inputs or AV2 (AV3) to view material playing on equipment connected to the rear AV inputs.

L (LEFT) AUDIO Provides left audio connection. The right audio connector is usually white.
Press TV/AV to choose the video input channel. Choose AV1 to view material playing on equipment connected to the front AV inputs or AV2 (AV3) to view material playing on equipment connected to the rear AV inputs.

VIDEO Provides composite video connection. The video connector is usually yellow.
Press TV/AV to choose the video input channel. Choose AV1 to view material playing on equipment connected to the front AV inputs or AV2 (AV3) to view material playing on equipment connected to the rear AV inputs.

S-VIDEO IN Provides better picture quality than the standard video jack (the yellow jack) because the color part of the signal is separated from the black and white part of the picture. When using S-VIDEO IN, make sure to connect left and right audio cables to the L and R AUDIO Input jacks.
Press TV/AV to choose the video input channel. Choose S-VIDEO to view material playing on equipment connected to the S-VIDEO jack.

AUDIO/VIDEO OUTPUT Lets you connect an amplifier or audio receiver for improved sound quality.
Press TV/AV to choose the audio and video that is sent to the output jacks.

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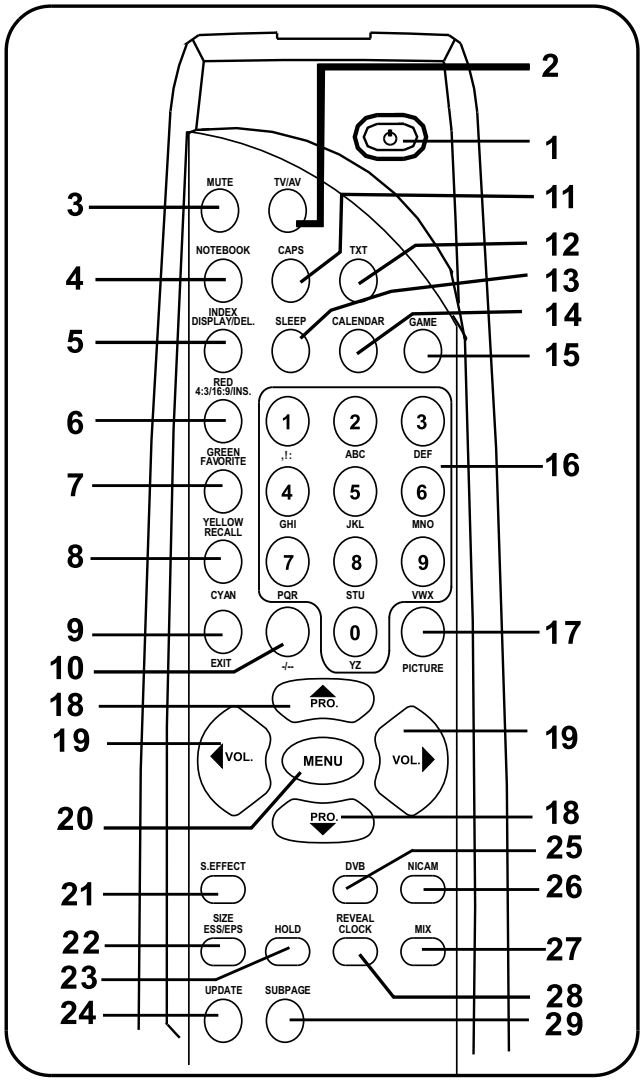
1.4 OPERATION OF REMOTE CONTROL

1.4.1 DESCRIPTION OF REMOTE CONTROL KEYS



1. **STANDBY BUTTON**
   When the main power is on, to turn the TV set on or off.

2. **TV/AV BUTTON**
   To switch between TV program and AV input sources.

3. **MUTE BUTTON**
   To temporarily turn off the sound, and to restore it by pressing once again.

4. **NOTEBOOK BUTTON**
   To activate the notebook function.

5. ***INDEX* / DISPLAY/ DELETE BUTTON**
   ** Press to go to the INDEX page.*
   To display the current channel number & name, color & sound mode. Press again to display the current time on the screen.
   Press to remove a menu from the screen.
   In the input field of the on-screen menus including Notebook, press to delete the unwanted text.

6. **** RED / 4:3/16:9 / INSERT BUTTON***
   ** To access TELETEXT page corresponding to RED key.*
   Press to toggle the picture format between 4:3 and 16:9 (4:3 is the standard format for the TV. 16:9 is to enlarge the picture to fill out the entire screen area, eliminating the " letter box " effect. Select 16:9 when you watch movies from a DVD player.)

7. **** GREEN* / FAVORITE BUTTON**
   ** To access TELETEXT page corresponding to GREEN key.*
   To browse the favorite channels preset in Favorite channel list. This function will not work if you have not set any favorite chanel.

8. **** YELLOW* / RECALL BUTTON**
   ** To access TELETEXT page corresponding to YELLOW key*
   Press to toggle between the crrent channel and the previous channel.

9. ****CYAN* / EXIT BUTTON**
   ** To access TELETEXT page corresponding to CYAN key*
   Press to exit the on-screen menu directly.

10. **-/-- BUTTON**
    Press to toggle between 1-digit and 2-digit mode before you enter the channel number.

11. **CAPS BUTTON**
    Press to toggle the entry mode between uppercase and lowercase letters.

12. ****TXT* BUTTON**
    Press to activate TELETEXT and page 100 will be displayed on the screen first. Press this button again to go back to TV mode.

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13. SLEEP BUTTON

To set the sleep timer from 240 to 15 minute by pressing the SLEEP button repeatedly.
To display the remaining time, press SLEEP button once.
To cancel the sleeptimer, press SLEEP button repeatedly until "OFF" appears.

14. CALENDAR BUTTON

Press to enter or exit Calendar directly.

15. GAME BUTTON

Press to enter or exit Game directly.

16. NUMBER BUTTON

Press to select channel number directly.
Press to enter a letter, a digit or a symbol in some functions.

17. PICTURE BUTTON

Press repeatedly to select picture mode among Mild, Normal, Dynamic and PP.

18. PROGRAM UP/DOWN BUTTON

Press to select the previous or next channel number.

19. VOLUME UP/DOWN BUTTON

Press to increase or decrease the volume of TV.
Press VOLUME UP/DOWN to enter some submenus or adjust some controls.

20. MENU BUTTON

Press to display the on-screen menu.
Press repeatedly to exit menu.

21. SOUND EFFECT BUTTON

Press repeatedly to select sound effect mode among PP, Music, Speech and Theatre.

22. **SIZE / ESS / EPS BUTTON

Press to toggle among 3 different series Under TELETEXT mode: single height full page, double height top of page and double height bottom of page.
Press to select ESS / EPS modes among FF, Spatial Stereoand Pseudo Stereo.

23. *HOLD BUTTON

**With this toggle command, the hold function can be switched on or off. When HOLD is switched on, the message "* *" will be displayed on the up-left* corner of the screen *insteadof currentpagenumberor subcode,and the page searchingwill stop.*

24. *UPDATE BUTTON

** If you like to see a certainpage whichyou haveknownthe page number,but you don t wantto spendtime waitingfor it, you can use UPDATE command,whichwill turn TELETEXT dispaly to TV picture. Then you can enterthe page numberyou want. Whenthe page is found,the page number will appearin the up-leftcornerof the screen. Press UPDATE key againyou will get the page immediately.*

25. DVB BUTTON

Press to turn on or off the DVB (Dynamic Virtual Bass) function.

26. NICAM BUTTON

To directly change the mode of NICAM, you can choose MONO, STEREO, DUAL I or DUAL II.

27. *MIX BUTTON

The MIX mode results in a combined display of TV picture and 10 pages TELETEXT page.

28. * REVEAL / CLOCK BUTTON

**This function reveals or conceals the hidden 10 PagesTELETEXT page information. Most other commands will conceal the information again.*
** In normal TV mode, the TV displays the currenttimewhichis derivedfrom TELETEXT in the upper right corner of the screen.*

29. * SUBPAGE BUTTON

** This function toggles the 10 Pages TELETEXT page between normal PAGE mode and SUBCODE mode.*

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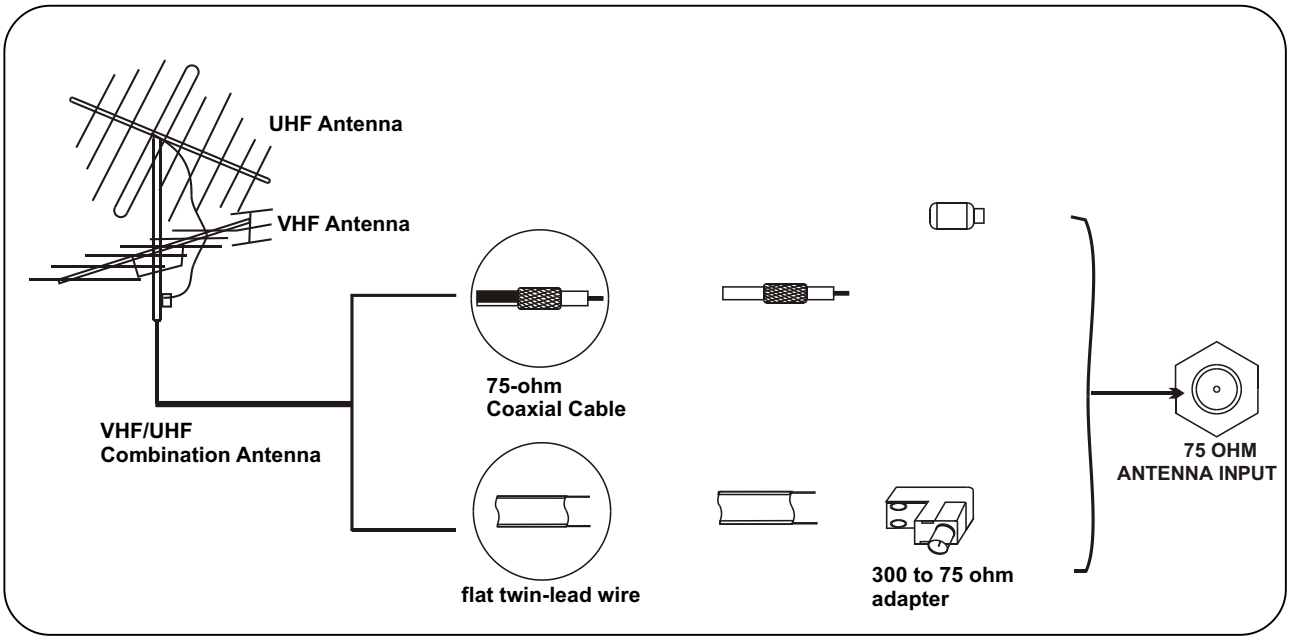
2. CONNECTIONS

2.1 INSTALLATION OF ANTENNA



A combination antenna receives normal broadcast channels. Your connection is easy since you will connect the antenna to the 75 OHM ANTENNA INPUT jack on the rear of the TV.

- If your antenna has a round cable (75 ohm) on the end, then you are ready to connect it to the TV. Go to the next step. If your antenna has flat twin-lead wire (300 ohm), you first need to attach the antenna wires to the screws on a 300 to 75 ohm adapter (not supplied with your TV).

- Plug the round end of the adapter or antenna cable onto the 75 OHM ANTENNA INPUT jack on the rear of the TV. If the round end of the antenna cable is threaded, screw it down tight.

Note:

- If you have separate UHF and VHF antennas, you need an optional combiner to connect the antennas to the TV.

2.2 POWER CONNECTION

Plug the TV s power cord into a power outlet and turn on the TV. Refer to AUTO SEARCH to set up your available TV channels.

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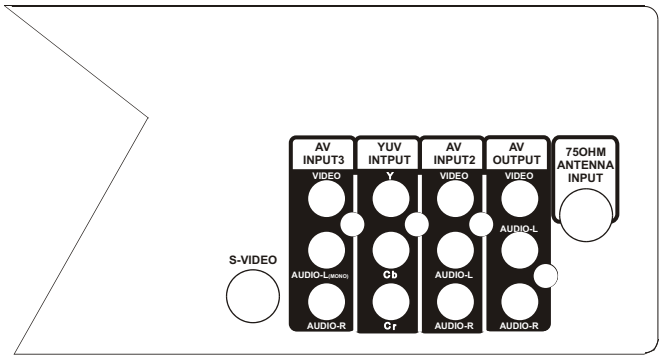
2. CONNECTIONS

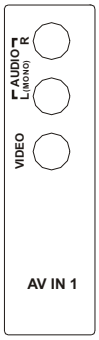
2.3 TV + VCR + DVD CONNECTION

The basic component (VCR, DVD player etc.) to TV connection is described below. For other hookup, refer to your component's instruction manual.

- Connect the audio cables (white and red) to the R and L AUDIO jacks on the TV and the Audio output jacks on the VCR (or other component). Match the cable color to the jack color.
- If your component has Component Output jacks YUV (Y, Cr, Cb), connect three video grade cables to the Y, Cr, Cb jacks on the component and to the Y, Cr, Cb jacks on the TV. If your component doesn't have these jacks, go to the next step.
- If your component has an S-VIDEO jack, connect an S-VIDEO cable to the S-VIDEO jack on the back of the TV and to the S-VIDEO jack on the component. If your component doesn't have an S-VIDEO jack, go to the next step.
- Connect a video cable (yellow) to the VIDEO INPUT jack on the TV and to the VIDEO OUT jack on your VCR (or other component).
- Turn on the TV and the component.
- Press the TV/AV button repeatedly until the correct video input channel appears in the upper right corner of the TV screen. For front inputs choose AV1, for rear AV inputs choose AV2 or AV3. This model has component jacks (Y, Cb, Cr), choose YUV as your video input channel.



Rear panel



Side AV input (AV IN1)

Notes:

- Use either S-VIDEO jack or VIDEO INPUT 3 jacks. Do not use both at the same time for the same piece of equipment. This would interfere with the picture display.
- S-VIDEO and AV INPUT 3 are sharing the same audio input.
- YUV INPUT and AV INPUT 2 are sharing the same audio input.

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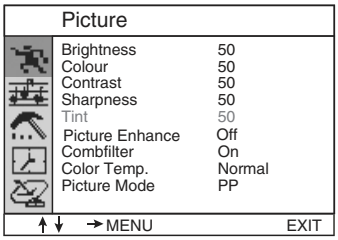
3. GENERAL OPERATIONS

Icon and the corresponding main menu

Picture **Sound** **Setup**

Clock **Tune**

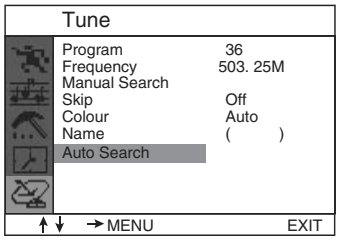


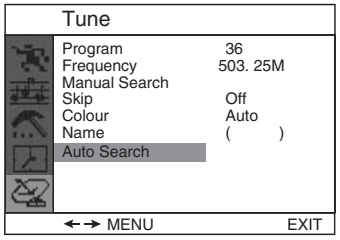
3.1 AUTO SEARCH

All the active channels will be stored automatically from channel No. 1 and upward in order.

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the main menu Tune.
- Press VOLUME UP to enter the Tune submenu.
- Press PROGRAM UP/DOWN to select Auto Search.
- Press VOLUME UP to start the auto searching, and then all available channels will be stored from No. 1 and upward in order. Auto searching will stop after all the frequency bands are searched, and the program of the first searched, channel 1, will show. If you want to exit auto search, just press EXIT to directly quit menu.

Note:
When auto search is finished, sound of beep can be heard.

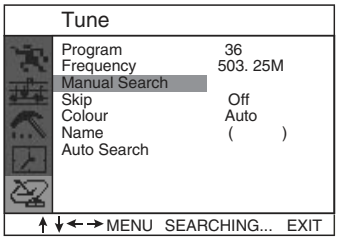


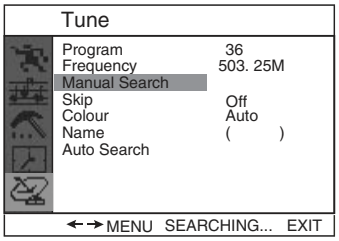


3.2 MANUAL SEARCH

To preset the TV channel to your desired position number, manual searching should be used.

- Select a channel using the number buttons, e.g. 36.
- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the main menu Tune.
- Press VOLUME UP to enter the Tune submenu.
- Press PROGRAM UP/DOWN to select Manual Search.
- Press VOLUME UP to start manual channnel searching upward or downward from the current position of this channel and current frequency.
- When an available channel is searched, the searching will stop. If the searched channel is not as you desired, repeat the above step to search again.
- To stop manual searching, press MENU button to go back to the previous menu.
- When you finish manual channel searching, press EXIT to quit menu, or menu will disappear after a few seconds without any further action.





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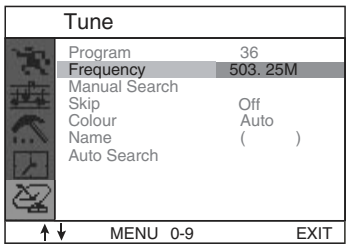
3. GENERAL OPERATIONS

3.3 FINE TUNING

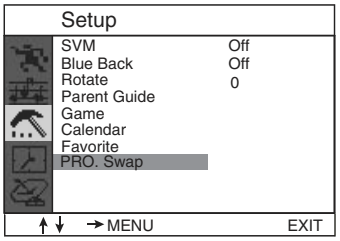
Fine tuning function may impove the receiving quality of some weak/ unstable channels by adjusting the channel frequency manually.

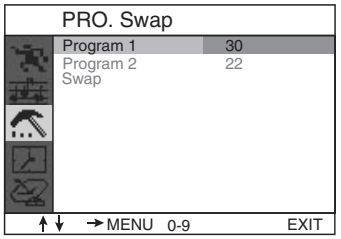


- Select a channel using the number buttons, e.g. 36.
- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the main menu Tune.
- Press VOLUME UP to enter the Tune submenu.
- Press PROGRAM UP/DOWN to enter Frequency.
- Press VOLUME UP to enter Frequency adjustment field.
- Press VOLUME UP/DOWN button to fine tune the channel upward or downward until satisfied picture and sound quality are achieved.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

3.4 PROGRAM SWAP

After the auto or manual search, you may want to rearrange the program numbers in which the channels are stored. In this case, program swap function may be useful to you.

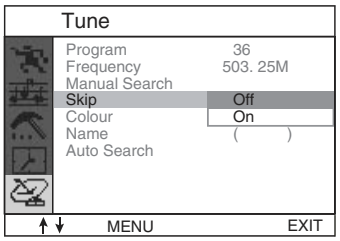




- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the main menu Setup.
- Press VOLUME UP to enter the Setup submenu.
- Press PROGRAM UP/DOWN to select PRO. Swap.
- Press VOLUME UP to enter PRO. Swap.
- Press PROGRAM UP/ DOWN to select Program 1, then press VOLUME UP to highlight the program number position and use number buttons to enter the program number, e.g. 30. Use the same method to enter the program number in the next line, e.g. 22. That means these two programs will be switched.
- Then press the PROGRAM UP/DOWN button to select Swap and press VOLUME UP to finish the setting.
- If you want to set other channel, repeat the above procedure.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

3.5 CHANNEL SKIP

You can add or erase channels from the list in the TV's memory. Select a channel you want to remove from or add to the channel memory, e. g.36.



- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the main menu Tune.
- Press VOLUME UP to enter the Tune submenu.
- Press PROGRAM UP/DOWN to select Skip.
- Press VOLUME UP to display the features of Skip.
- Press PROGRAM UP/DOWN to select On or Off. If you select Off, the channel will be available when you press PROGRAM UP/DOWN to move through channels. Choosing On will remove the channel from the TV's memory.
- Press EXIT to quit menu, or menu will disapear after a few seconds without any further action.

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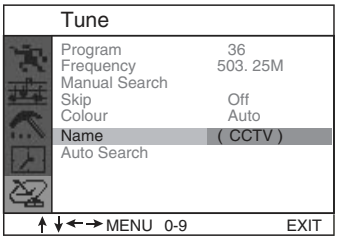
3. GENERAL OPERATIONS

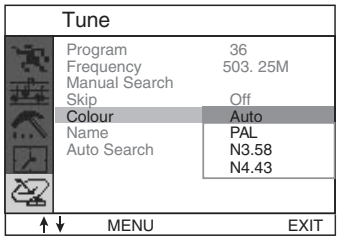
3.6 CHANNEL NAME SETTING



After storing all the available local channels into your TV set, you can use this function to give a name to each channel as you like. Select a channel and then follow the steps below:

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the submenu Tune.
- Press VOLUME UP to enter the Tune submenu.
- Press PROGRAM UP/DOWN to select Name.
- Press VOLUME UP to select the name input field.
- Press CAPS button to toggle between the entry modes of uppercase and lowercase letters, then enter a name for the selected channel using the number buttons, e.g. CCTV. (Only five letters can be input)
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

3.7 COLOUR SYSTEM SELECTION



This feature allows you to select suitable receiving system for the specific broadcasting system in your area.

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the submenu Tune.
- Press VOLUME UP to enter the Tune submenu.
- Press PROGRAM UP/DOWN to select Colour.
- Press VOLUME UP to display the features of Colour (Auto, PAL, N3.58 and N4.43).
- Press PROGRAM UP/DOWN to select the desired colour system.
- Press MENU to go back to the Tune submenu.
- Press EXIT to quit menu, or menu will disappear after a few seconds
- without any further action.

Notes:

- Colour system: If Auto is selected, the respective colour system will be automatically selected according to the transmission system. If the reception is poor at Auto mode, select your desired colour system manually.

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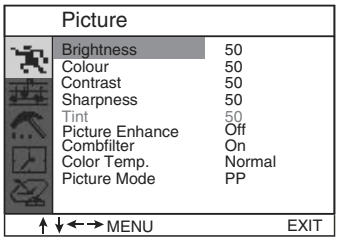
3. GENERAL OPERATIONS

3.8 PICTURE ADJUSTMENT

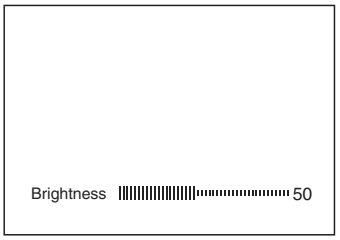
To adjust your TV picture, select a channel and follow the steps below:

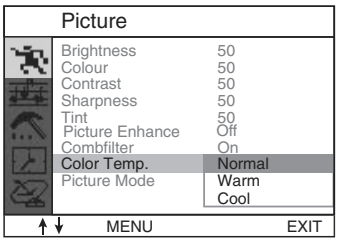
- Press MENU to display the on-screen menu.
- Picture is highlighted. Press VOLUME UP to enter the Picture submenu.
- Press PROGRAM UP/DOWN to highlight your choice: Brightness, Colour, Contrast, Sharpness, Tint.
- Press VOLUME UP/DOWN to increase or decrease the element you choose.
- Press PROGRAM UP/DOWN to go on selecting Combfilter (or Color Temp.).
- Press VOLUME UP to display the features of Combfilter (or Color Temp.).
- Press PROGRAM UP/DOWN to select On or Off for Combfilter (or set Color Temp. to Normal, Warm or Cool).
- Press EXIT repeatedly to quit menu, or menu will disappear after a few seconds without any further action.



Notes:

- **Brightness:** Brightens the darkest parts of the picture.
- **Colour:** Is used to add or reduce the colour.
- **Contrast:** Is used to adjust the distinction between the black and the white parts of the picture.
- **Sharpness:** Improve picture details.
- **Tint:** Obtains natural skin tones of NTSC picture. This feature is only selectable on NTSC and YUV input mode.
- **Combfilter:** This TV set has adopted one-chip multi-standard adaptive Comb Filter, which provides unprecedented high resolution and vivid picture.
- **Color Temp.:** You can select Normal, Warm or Cool picture preference. (Normal will keep the whites white; Warm will keep the whites reddish and Cool will keep the whites bluish.)

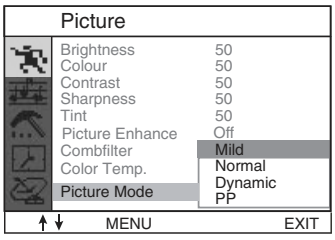




3.9 PRESET PICTURE MODE

This function enables you to choose preset video settings for different types of programs and viewing conditions. Most picture settings are preset at the factory to automatically adjust the TV's Brightness. Colour, Contrast, and Sharpness.

- Press MENU to display the on-screen menu.
- Picture is highlighted. Press VOLUME UP to enter the Picture submenu.
- Press PROGRAM UP/DOWN to select Picture Mode.
- Press VOLUME UP to display the features of Picture Mode.
- Press PROGRAM UP/DOWN to select Mild, Normal, Dynamic or PP.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.



Note:

- The personal setting (PP) is what you specify with the picture adjustments as described above. PP is the only picture setting you can change while all others are preset at the factory.

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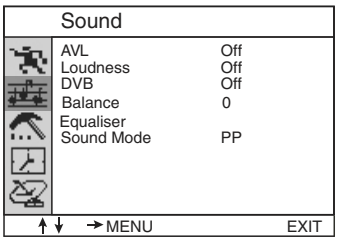
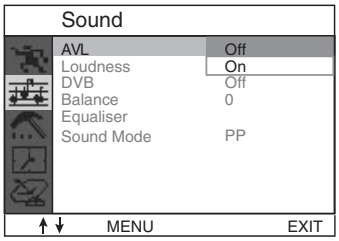
3. GENERAL OPERATIONS

3.10 SOUND ADJUSTMENT

To adjust your TV sound, select and use the sound menu controls.

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select Sound.
- Press VOLUME UP to enter the Sound submenu.
- Press PROGRAM UP/DOWN to highlight your choice: AVL, Loudness, DVB, Balance, Equaliser or Sound Mode.
- Press VOLUME UP to display the features of your choice, e.g. AVL.
- Press PROGRAM UP/DOWN to select On or Off for AVL.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.





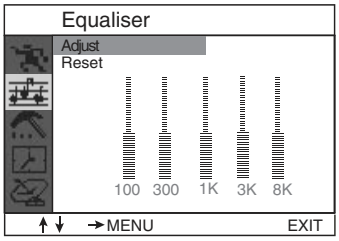
Notes:

- **AVL(Auto Volume Levelling):** When On, AVL will level out the sudden volume changes caused by commercial beaks or channel changes.
- **DVB(Dynamic Virtual Bass):** Is used to turn DVB function on or off.
- **Balance:** Adjusts the level of the sound coming from the left and right speakers of TV.
- **Equaliser:** Sets desired sound tone.

3.11 EQUALISER SELECTION

You can enter Equaliser to adjust the sound to your desired level.

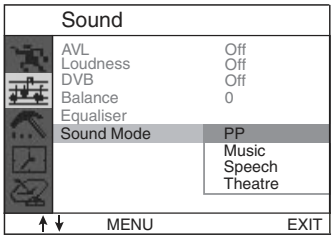
- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select Sound.
- Press VOLUME UP to enter the Sound submenu.
- Press PROGRAM UP/DOWN to highlight Equaliser.
- Press VOLUME UP to display the features of Equaliser.
- Press PROGRAM UP/DOWN to select the frequency you want to adjust: 100HZ, 300HZ, 1KHZ, 3KHZ and 8KHZ.
- Press VOLUME UP to adjust the setting to your deired level.
- Press MENU to go back to the previous menu. Press PROGRAM UP/DOWN to highlight Reset. Then all of the levels will be set to 50% automatically.



3.12 SOUND MODE SELECTION

You can preset sound mode (PP, Music, Speech or Theatre) to best suit your current programming.

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select Sound.
- Press VOLUME UP to enter the Sound submenu.
- Press PROGRAM UP/DOWN to select Sound Mode.
- Press VOLUME UP to display the features of Sound Mode.
- Press PROGRAM UP/DOWN to select PP, Music, Speech or Theatre.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.



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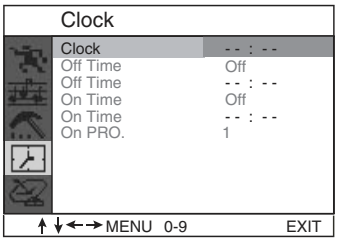
4. TIMER FUNCTION

4.1 CLOCK

Follow the following steps to set the clock:

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select Clock.
- Press VOLUME UP to enter the Clock submenu.
- Press PROGRAM UP/DOWN to select Clock.
- Press VOLUME UP to highlight hour position in red, and then use the number buttons to set the hour.
- Press VOLUME UP to highlight minute position in red, and then use the number buttons to set the minute.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

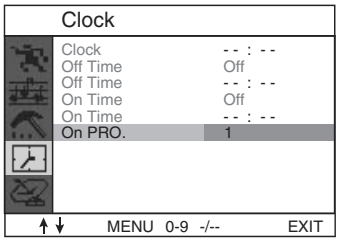


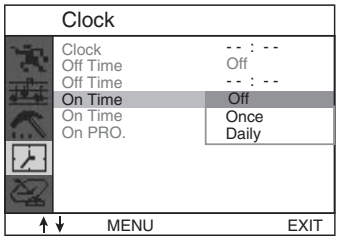
4.2 ON-TIMER

To turn on the TV to a specific channel at a specific time, use the On-timer. Before you begin, set the clock correctly.

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the submenu Clock.
- Press VOLUME UP to enter the Clock submenu.
- Press PROGRAM UP/DOWN to select On PRO..
- Press number buttons (or PROGRAM UP/DOWN) to enter a channel number. This will be the channel to which the TV turns on at the specifiic time.
- Press PROGRAM UP/DOWN to select the first On Time.
- Press VOLUME UP display the features of On Time. Then press PROGRAM UP/DOWN to select Off, Once or Daily.

  (If you select Once, the timer will turn on the TV one time within the next 24 hours only. If you select Daily, the timer will turn on the TV at the same time and to the same channel every day. Choose Off to cancel the On-timer.
- Press MENU to go back to the submenu of Clock. Then press PROGRAM UP/DOWN button to select the next On Time.
- Press VOLUME UP to highlight hour position in red, and then use the number buttons to set the hour.
- Press VOLUME UP to highlight minute position in red, and then use the number buttons to set the minute.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

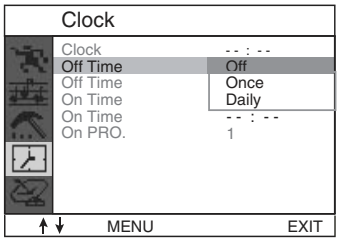




4.3 OFF-TIMER

To turn off the TV at a specific time every day, use the Off-timer. Before you begin, you must set the clock correctly.

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the submenu Clock.
- Press VOLUME UP to enter the Clock submenu.
- Press PROGRAM UP/DOWN to select the first Off Time.



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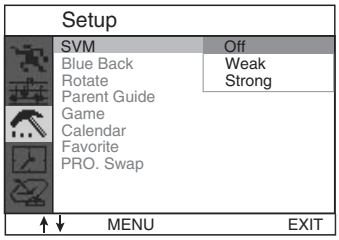
4. TIMER FUNCTION

- Press VOLUME UP display the features of Off Time. Then press PROGRAM UP/DOWN to select Off, Once or Daily.
  (If you select Once, the timer will turn off the TV once only. If you select Daily, the timer will turn off the TV at the same time every day. Choose Off to cancel the Off-time.
- Press MENU to go back to the submenu of Clock. Then press PROGRAM UP/DOWN button to select the next Off Time.
- Press VOLUME UP to highlight hour position in red, and then use the number buttons to set the hour.
- Press VOLUME UP to highlight minute position in red, and then use the number buttons to set the minute.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

5. SPECIAL FUNCTION

5.1 SVM SETTING

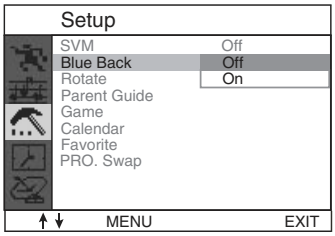
This function (Scan Velocity Modulation) enables to improve the picture quality.



- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select Setup.
- Press VOLUME UP to enter the Setup submenu.
- Highlight SVM with PROGRAM UP/DOWN and then press VOLUME UP to display the features of SVM.
- Press PROGRAM UP/DOWN to set SVM to Off, Weak or Strong mode.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

5.2 BLUE BACK SETTING

If this function is set to On mode, a solid blue screen will be displayed when no signal is received.



- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select Setup.
- Press VOLUME UP to enter the Setup submenu.
- Press PROGRAM UP/DOWN to select Blue Back.
- Press VOLUME UP to display the features of Blue Back.
- Press PROGRAM UP/DOWN to set Blue Back to On or Off mode.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

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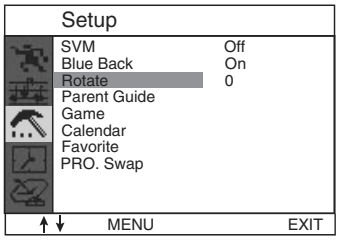
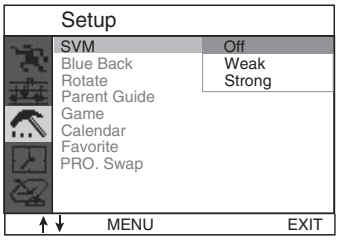
5. SPECIAL FUNCTION

5.3 PICTURE ROTATION

Due to the geomagnetic effect, the picture will slant horizontally. You can adjust it as follows:

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select Setup.
- Press VOLUME UP to enter the Setup submenu.
- Press PROGRAM UP/DOWN to select Rotate.
- Press VOLUME UP to adjust the gradient of the picture until you get the satisfied display.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

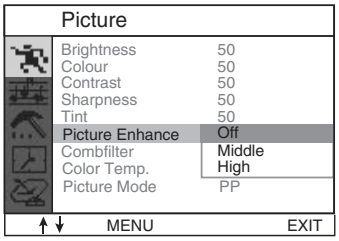




5.4 PICTURE ENHANCEMENT

Unstable or poor quality video pictures may be improved by using this feature.

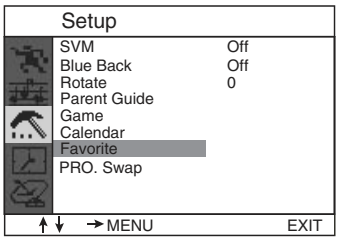
- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select Picture.
- Press VOLUME UP to enter the Picture submenu.
- Press PROGRAM UP/DOWN to select Picture Enhance.
- Press VOLUME UP to display the features of Picture Enhance.
- Press PROGRAM UP/DOWN to select Off, Middle or High.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

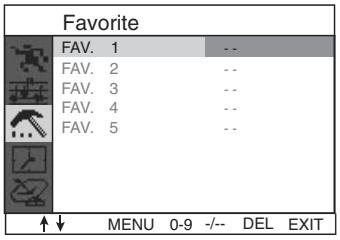


5.5 FAVORITE CHANNEL SETTING

You can store five channels you prefer into the Favorite list and recall these channels easily by pressing FAVORITE button on the remote control.

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the submenu Setup.
- Press VOLUME UP to enter the Setup submenu.
- Press PROGRAM UP/DOWN to select Favorite.
- Press VOLUME UP to display the features of Favorite.
- Press PROGRAM UP/DOWN to FAV.1 (or FAV.2, FAV.3, FAV.4, FAv. 5), then press VOLUME UP to enter the channel number input filed.
- Press the -/-- to select the 1-digit or 2-digit channel number, then input the channel number using the number buttons. You can also delete unwanted digits with DELETE button and reset the favorite channel number again.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.





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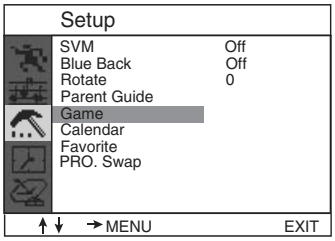
5. SPECIAL FUNCTION

5.6 TETRIS GAME

Tetris is deceptively simple, yet, completely addictive. Small shapes called Tetraminoes fall from the top of the Playfield to the bottom. Players must rotate the Tetraminoes by PROGRAM UP as they fall, and fit them together to complete horizontal lines. When the player fills an entire line with blocks, that line will be removed from the screen.If the player cannot complete lines, the blocks will eventually rise up to the top of the screen and the game ends.



- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the submenu Setup.
- Press VOLUME UP to enter the Setup submenu.
- Highlight Game with PROGRAM UP/DOWN and then press VOLUME UP to enter Game directly .
- Play game with PROGRAM UP/DOWN & VOLUME UP/DOWN.
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

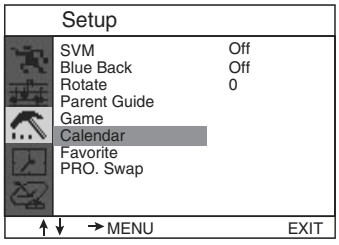
Note:

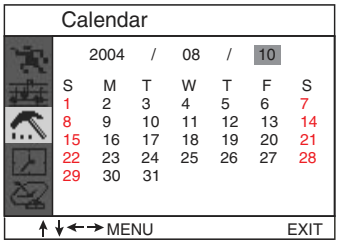
- Do not play game in Zoom or Subtitle mode.

  When the button is pressed, sound of beep can be heard.

5.7 CALENDAR

This feature enables you to look up the date easily.





- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the submenu Setup.
- Press VOLUME UP to enter the Setup submenu.
- Press PROGRAM UP/DOWN to select Calendar.
- Press VOLUME UP to display the features of Calendar.
- Press VOLUME UP to select year (month or day) position .
- Press PROGRAM UP/DOWN to select the desired year (month or day).
- Press EXIT to quit menu, or menu will disappear after a few seconds without any further action.

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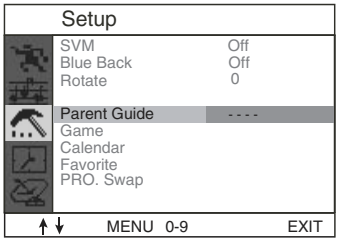
5. SPECIAL FUNCTION

5.8 PARENTAL GUIDE

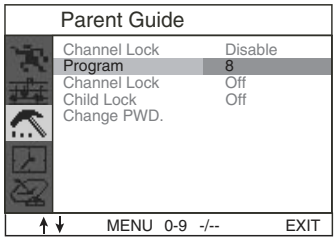
Using this function, you can lock the channels you think inappropriate for children to watch. If you want to lock the channels, you must enter the password firstly.

- Press MENU to display the on-screen menu.
- Press PROGRAM UP/DOWN to select the main menu Setup.
- Press VOLUME UP to enter the Setup submenu.
- Press PROGRAM UP/DOWN to select Parent Guide.
- Press VOLUME UP to highlight the password position and use number buttons to enter a password (0000 is the default code of the TV). Then the features of Parental Guide are displayed on the screen.
- Press PROGRAM UP/DOWN to select the first Channel Lock, then press VOLUME UP/DOWN to select Disable or Enable. If Enable is highligted, Frequency, Manual Search & Auto Search in Tune menu will be unable to use.



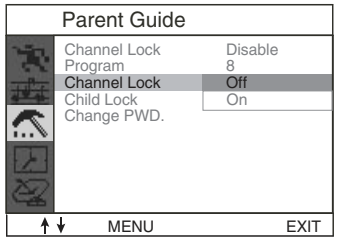
Note:

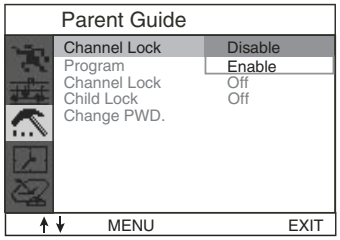
- You can use the smart code 5898 to enter the Parent Guide menu instead of the default code 0000 or the new password you have set.



If you want to lock a program, following the steps below:

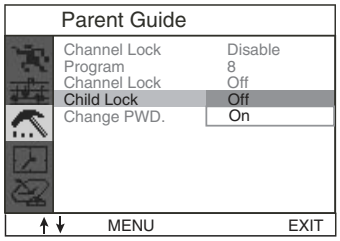
- Press PROGRAM UP/DOWN to select Program, and then enter a channel number with number buttons eg. 8. This is the channel you want to lock.
- Press MENU to go back to the previous menu, and then press PROGRAM UP/DOWN to select the second Channel Lock.
- Press VOLUME UP to display the features of Channel Lock and then press PROGRAM UP/DOWN to select On or Off. When On is selected, it means you want to lock this channel. Repeat the above steps to set other channels you want to lock.
- Press MENU to go back to the previous menu, and then press PROGRAM UP/DOWN to select the first Channel Lock.
- Press VOLUME UP to display the features of Channel Lock and then press PROGRAM UP/DOWN to select Disable or Enable. When Enable is selected, all the channels you select to be locked will be enabled.





If you want to prevent the children against all channels, go on with the following steps:

- Press MENU to go back to the previous menu, and then press PROGRAM UP/DOWN to highlight Child Lock.
- Press VOLUME UP to display the features of Child Lock and then press PROGRAM UP/DOWN to select On or Off. When On is selected, the buttons on the front panel of the TV will be disabled. When turning on the TV, " INPUT PASSWORD" appears on the screen. One has to input the password, then all buttons become active again.



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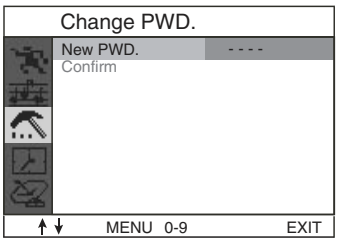
5. SPECIAL FUNCTION

If you want to change the password, go on with the following steps:

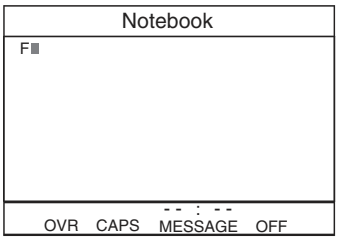


- Press MENU to go back to the previous menu, and then press PROGRAM UP/DOWN to select Change PWD.
- Press VOLUME UP and then New PWD. is highlighted. Use the number buttons to enter a new password and finally enter the same digit again to confirm.

5.9 NOTEBOOK

This feature enables you to store personal messages.

- Press NOTEBOOK to display Notebook window directly.
- Press CAPS to toggle the entry mode between uppercase or lowercase letters.
- Use number buttons to enter letters, numbers or some special symbols.
- Press DEL(ETE) to delete the unwanted text.
- Press INS(ERT) to select INS(ERT) or OVR(overwrite) on the screen and then use number buttons to insert or overwrite the letter or number in the text.
- Press PROGRAM UP/DOWN to select MESSAGE, and then press VOLUME UP/DOWN to select ON or OFF. If you select ON, the Notebook window with the stored message will be displayed on the screen first when the TV is turned on. Meanwhile, you can hear the sound of beep.
- If you want to display the message at a specified time, go on selecting --:--, enter the time using VOLUME UP/DOWN button, e.g.7:30, then set MESSAGE to ON. It means that the Notebook window with the stored message will be automatically displayed on the screen at 7:30. Meanwhile, you can hear the sound of beep.



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6. TROUBLESHOOTING

6.1 PROBLEMS OF PICTURE

The most common types of picture problems are as follows:

IGNITION

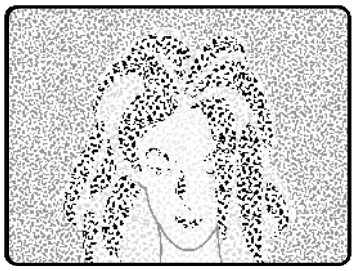
Black spots or horizontal streaks appear, or the picture flutters or drifts. This is usually caused by interference from car ignition system, neon lamps, electric drills, or other electrical appliances.

GHOSTS

Ghosts are caused by the television signal following two paths. One is the direct path, the other is reflected from tall buildings, hills, or other objects. Changing the direction or position of the antenna may improve the reception.

SNOW

If the antenna is located in the fringe area of a television signal where the signal is weak, the picture may be marred by dots. When the signal is extremely weak, it may be necessary to install a special antenna to improve the reception.



RADIO FREQUENCY INTERFERENCE

This interference produces moving ripples or diagonal streaks, and in some cases, loss of contrast in the picture.

CRT DEGAUSSING

If the TV screen has been magnetized with improper colour appearing on the particular area of screen, power off the TV (or unplug AC cord). After 10 minutes, turn on the main power (or plug in AC cord). Repeat the above process until improper colour disappear.

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6. TROUBLESHOOTING

6.2 PROBLEMS IN OPERATION

If this unit does not seem to operate properly, check the POSSIBLE CAUSES below.

SYMPTOM	POSSIBLE CAUSES
NO POWER	• The power cord is not connected. • The POWER BUTTON on the main unit is off.
NO TV RECEPTION	• The antenna connector is not connected, or wires are broken. • Cables are incorrectly connected to external equipment. • The appropriate colour system is not selected.
NOISY PICTURE	• The TV is not fine-tuned correctly. • The antenna is not adjusted correctly. • Cables are incorrectly connected to external equipment. • Possible station trouble. • Possible local interference.
NO REMOTE CONTROL OPERATION	• The batteries need to be replaced. • Polarities of the batteries are incorrect. • Main power is not on. • Something may interfere the path to remote sensor.
NORMAL PICTURE, NO SOUND	• Volume is set to min., press VOL. ▶ button. • Volume is set to mute, press MUTE button. • Possible chassis problem.
NO PICTURE, NORMAL SOUND	• Brightness & Contrast may be set to min.. • TV station problem.
NO COLOUR	• Select other colour systems. • Colour may be set to min.. • Program may be in black and white.

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SPECIFICATIONS

Description	32” Wide Screen Colour Television
Power input	AC230-240V 50Hz
Power consumption	110W
TV system	PAL BG (NTSC Playback)
Language of OSD	English
Function adjust	MENU display
Channel memory	100 (0-99)
Picture tube	32” (76cm)
Net weight	54Kg
Dimensions	Body size: 540x910x565mm (WxDxH)

Note: Design and specifications are subject to change without prior notice for the purpose of performance improvement.

Packing List

1. Television set – one set
2. Remote control Handset – one set (with two size AA batteries)
3. User’s guide – one pc

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